



**Workshop on Scientific Writing Using LATEX- Workshop" (27 April 2024)-Resource Person: Dr Riman Mandal**

### **Overview**

The workshop provided comprehensive, hands-on training focused on scientific writing and document preparation using the LATEX typesetting system. It targeted researchers, faculty, and students interested in producing professional-quality academic documents.

### **Objectives**

- To introduce participants to the LATEX system, emphasizing its importance in scientific writing and technical document preparation.
- To enable attendees to create well-structured research papers, theses, presentations, and reports.
- To teach the use of LATEX features such as mathematical equation typesetting, figures, tables, citations, and bibliographies.

### **Workshop Content and Activities**

- Introduction to LATEX, installation, and environment setup.
- Understanding document classes and structure (e.g., article, report, thesis).
- Formatting sections, subsections, paragraphs, and managing document layout.
- Incorporation of figures, tables, lists, and cross-referencing.
- Techniques for writing complex mathematical equations and special symbols.
- Managing citations and bibliographies using BibTeX.
- Practical sessions where participants created sample documents, practiced formatting, and troubleshooting.
- Use of presentation tools such as Beamer for academic slides.



### Outcomes

- Participants gained practical command over LATEX and confidence in preparing technically sound scientific documents.
- Improved document quality in terms of consistency, formatting, and presentation of academic manuscripts.
- Enhanced ability to handle complex document elements such as equations and references efficiently.
- Positive feedback highlighted the workshop's role in equipping attendees with invaluable typesetting skills relevant for research and publication.

### Conclusion

Dr. Riman Mandal's workshop effectively empowered participants with LATEX expertise critical for scientific communication, contributing significantly to research dissemination quality and academic writing standards.



*Felicitation of the resource person, Dr. Riman Mandal, during the Workshop on Scientific Writing Using LaTeX at K.R. Mangalam University.*



# K.R. MANGALAM UNIVERSITY

## THE COMPLETE WORLD OF EDUCATION



*Participants attending the hands-on session on LaTeX for scientific writing and research documentation.*