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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.



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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.



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



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